

Oil Field Environmental Incident Summary

Incident: 20141125140237 **Date/Time of Notice:** 11/25/2014 14:02

Responsible Party: C12 ENERGY: NORTH DAKOTA LLC

Well Operator: C12 ENERGY: NORTH DAKOTA LLC

Well Name: DICKINSON-HEATH-SAND UNIT 38

Field Name: DICKINSON

Well File #: 4770

Date Incident: 11/25/2014 **Time Incident:** 08:45

Facility ID Number:

County: STARK

Twp: 140

Rng: 97

Sec: 36

Qtr: C SW

Location Description: Spill was on production line 700 ft north of DHSU 38 in field.

Submitted By: Owen Ryan

Received By:

Contact Person: Owen Ryan
2054 UNIVERSITY AVENUE
SUITE 400
BERKELEY, CA 94794

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building: 2000 Feet

Distance Nearest Water Well: 3000 Feet

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	2	Barrels				
Brine	25	Barrels				
Other					155	barrels

Description of Other Released Contaminant:

Inspected:

Written Report Received: 1/10/2015

Clean Up Concluded: 2/6/2015

Risk Evaluation:

Spill has been stopped. No immediate risks.

Areal Extent:

600 ft by 10 ft.

Potential Environmental Impacts:

Damage to topsoil.

Action Taken or Planned:

All wells going into production line were shut in.

Wastes Disposal Location: Chimney Butte Landfill

Agencies Involved:

Updates

Date: 11/25/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Leak from a pipeline not on a location. Followup is necessary.

Date: 11/26/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 2:20 p.m. The weather was 20°F and partly cloudy, with the wind from the northwest at 10 mph. There was a fresh layer of snow on the ground. The spill occurred in a drainage coming from a field and crossing pasture land. To the southeast of the site, the drainage is a stock pond. The company has talked to the person that uses the pasture. Company has placed a dike in the culvert going under the leased road and a couple of dikes southeast of the lease road. The contact on the spill report indicated any runoff collected by the dikes will be tested and sucked up by a vac truck when the weather warms up on Friday. He also indicated that samples will be taken from the drainage to verify that cleanup is complete. Samples were taken. More followup required. 46 53.787;- 102 52.054

Date: 12/12/2014 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 12/12/2014.

At the time of inspection, there was still crude oil and a noticeable line of impact along the drainage. An email will be submitted to the company to confirm cleanup efforts.

More followup is necessary.

Date: 2/17/2015 **Status:** Correspondence

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Sample results and cleanup map of impacted area.

Date: 2/18/2015 **Status:** Correspondence

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

General information.

Date: 4/10/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 11:50 a.m. The weather is clear, 54°F, with the wind from the southeast at 5-10 mph. The area has been leveled off with new soil. Straw wattles have been placed down the drainage. I talked to the cleanup crew at another site, and they indicated that seeding will be done next week. I also talked to the new company employee overseeing the sites and indicated to him another sample should be taken from the stock pond. More followup needed.

Date: 5/29/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Requested more information on the site.

Date: 6/5/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 8:00 a.m. The weather was sunny, 59°F, with the wind from the southeast 5-10 mph. The drainage that was cleaned has some vegetation growing in it, the straw waddles are still in place. The pond area in the southeast corner of pasture has roughly six inches of water. It is flowing through a hole in the dike. There are birds on the pond and the vegetation is growing. Samples were taken from the pond on south side. More follow-up needed.

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 17:00. The weather was sunny, 77°F, with the wind from the northwest 10-15 mph. The drainage is still not growing any vegetation. The drainage has eroded from recent moisture. There are still straw waddles in the drainage. They still have a dike to the drainage to the east. The dike is holding a small puddle of water approximately ten by twenty feet, and shallow. Chloride test strips indicated chlorides around 2226 mg/l. The pond area in the southeast area of pasture is lower than earlier; water was not flowing through the hole in the dike. Critters are in the water, algae are also growing. Chloride test strips indicated chlorides around 1392 mg/l. Water and soil samples were taken. More follow-up needed.